MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1951

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

JULY 1951

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	55.6	55.2	55.6	55.5	31.6	23.9	27.6	31.3	25.6	28.2
2	55.5	55.1	55.0	55.2	32.0	24.4	27.4	31.7	26.1	28.4
3	54.5	54.0	53.8	54.1	31.6	24.7	28.5	30.9	26.3	28.6
4	53.0	52.9	53.6	53.2	31.1	23.7	28.2	30.6	25.9	28.2
5	54.2	55.1	56.7	55.3	30.4	24.2	28.3	29.6	25.6	27.8
6	57.8	57.7	57.8	57.8	31.3	23.2	27.8	30.4	25.0	27.7
7	57.0	56.5	55.6	56.4	31.8	23.0	28.7	31.0	24.9	28.2
8	54.6	54.5	54.6	54.6	31.3	23.8	28.9	31.1	25.1	28.4
9	54.9	55.2	55.6	55.2	31.6	23.4	28.6	30.6	26.0	28.4
10	56.8	57.1	57.7	57.2	32.1	24.0	28.6	31.6	25.6	28.6
11	58.1	57.6	57.1	57.6	32.2	25.1	28.3	32.2	27.2	29.2
12	57.5	56.8	57.2	57.2	33.2	24.4	30.3	33.2	27.5	30.3
13	57.5	56.8	56.7	57.0	31.7	24.8	29.4	31.4	25.8	28.9
14	55.8	54.6	54.1	54.5	31.9	24.4	28.3	31.9	26.2	28.8
15	53.4	53.0	53.0	53.1	32.7	23.9	29.3	32.3	26.3	29.3
16	53.3	53.8	54.3	53.8	32.2	23.4	28.7	31.7	26.1	28.8
17	55.7	55.3	55.7	55.6	32.7	24.6	28.5	32.6	26.5	29.2
18	55.0	54.5	54.3	54.6	32.7	24.8	29.1	32.3	26.8	29.4
19	53.3	52.6	53.3	53.1	32.7	23.4	29.0	32.2	26.6	29.3
20	53.5	53.4	53.8	53.6	31.5	23.9	29.3	30.6	26.1	28.7
21	54.4	54.2	55.0	54.5	32.0	23.9	29.4	31.6	26.3	29.1
22	55.4	55.9	56.2	55.8	32.2	23.9	29.7	32.2	26.4	29.4
23	57.5	56.9	57.5	57.3	32.4	24.8	29.1	31.9	26.5	29.2
24	56.8	55.8	55.8	56.1	32.5	24.4	29.6	32.2	26.7	28.8
25	55.1	55.1	55.3	55.2	32.6	23.8	30.0	32.2	26.5	29.6
26	55.5	55.0	55.0	55.2	32.9	24.1	28.9	31.6	26.1	28.9
27	54.8	54.5	54.9	54.7	32.8	24.0	29.6	32.3	26.1	29.3
28	54.8	54.9	55.5	55.1	32.2	23.6	28.9	31.1	25.9	28.6
29	56.0	55.8	55.8	55.9	32.4	23.6	28.8	31.2	26.1	28.7
30	55.1	54.8	55.6	55.2	32.5	24.5	29.0	31.7	26.1	28.9
31	58.0	56.0	56.1	56.7	32.9	24.3	29.6	31.6	26.2	29.1
	55.50	55.18	55.41	55.36	32.12	24.06	28.88	31.57	26.13	28.84

Barometer, range for month 758.1 mm. — 752.6 mm
„ 71-yr. average for month 755.46 mm.
Thermometer, range for month 33.2°C — 23.0°C
„ 71-yr. average for month 28.02°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.44 mm.
„ Total, Sept. 1st. to end of month 690.38 mm.
„ 71-yrs average. Sept. 1st. to end of month 891.85 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.4	26.9	26.6	26.6	72	59	81	71	9.6	182.0	
2	26.3	27.9	27.9	27.4	74	59	83	72	10.2	216.0	
3	26.9	28.4	28.4	27.9	68	64	83	72	10.5	84.0	
4	26.3	27.2	26.0	26.5	69	63	77	70	12.7	478.0	
5	22.6	21.2	22.8	22.2	58	51	70	60	12.9	362.0	
6	22.4	24.3	24.6	23.8	60	56	78	65	12.4	117.0	
7	24.0	25.6	24.4	24.7	61	57	78	65	13.0	48.0	
8	25.5	26.7	24.5	25.6	64	59	77	67	12.9	72 0	
9	26.8	28.6	27.0	27.5	70	65	80	72	12 1	311.0	
10	27.2	29.6	25.1	27.3	70	63	77	70	12.8	220.0	
11	28.3	28.5	24.0	26.9	72	59	66	66	12.9	85.0	
12	30.1	28.1	24.0	27.4	70	55	66	64	12.5	164.0	
13	27.0	25.4	24.7	25.7	65	55	76	65	12.8	409.0	
14	24.7	27.3	26.7	26.2	64	58	79	67	6.4	327.0	
15	27.2	28.7	28.0	28.0	66	59	81	69	7.3	269.0	
16	27.4	29.4	26.5	27.8	70	63	82	72	12.1	130.0	
17	26.4	27.1	27.5	27.0	68	55	79	67	10.6	229.0	
18	29.3	32.0	30.5	30.6	73	66	87	75	12.7	282.0	
19	28.4	30.5	29.5	29.5	71	63	85	73	12.9	261.0	
20	24.5	28.9	22.4	25.3	66	65	66	66	7.3	459.0	
21	23.8	23.4	22.6	23.3	58	52	66	59	10.8	307.0	
22	24.1	27.4	22.9	24.8	57	57	66	60	11.9	435.0	
23	24.9	25.8	27.7	26.1	63	56	80	66	12.4	76.0	
24	24.0	27.4	28.2	26.5	58	57	80	65	12.6	196.0	
25	29.2	29.1	26.9	28 4	69	60	78	69	11.9	195.0	
26	27.1	29.5	27.9	28.2	68	61	82	70	12.8	235.0	
27	29 5	28.9	25.1	27.8	71	59	73	68	12.7	166.0	
28	27.8	26.7	24.5	26 3	70	59	73	67	10.6	373.0	
29	27.1	26.7	21.2	25 0	69	59	62	63	12 1	315 0	
30	27.7	22 0	23.0	24.2	71	47	68	62	10.3	435.0	
31	23.8	27.6	26.6	26.0	58	59	78	65	12.6	245.0	
	26.35	27.32	25.73	26.47	66.5	58.7	76.0	67.2	11.53	247.8	0.00

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	4cu-st	0	1cu	1.7	3sw	2sw	1sw	light	
2	4cu-ci	2cu	0	2.0	2w	2w	1ne	,,	
3	7cu	2cu	3cu	4.0	1sw	2w	0	,,	
4	0	4cu-ci	0	1.3	4sw	3sw	3sw	slight	
5	1cu	0	4cu	1.7	3sw	3sw	2sw	slight	
6	3cu	2cu	5cu	2.7	2sw	2sw	1sw	,,	
7	0	0	0	0.0	1sw	2nw	1nw	light	
8	1cu	0	0	0.3	2sw	1sw	1sw	,,	
9	3cu-ci	3cu	0	2.0	3sw	2sw	2sw	slight	
10	0	2ci	0	0.7	3sw	2sw	1sw	light	
11	0	0	0	0.0	1sw	2ne	2ne	slight	
12	3cu	0	0	1.0	1ne	2ne	1ne	light	
13	0	0	0	0.0	2sw	3w	2sw	,,	
14	1cu	3cu	0	1.3	3sw	2w	2sw	slight	
15	0	8st	0	2.7	2sw	2sw	1sw	light	
16	1cu	1cu	0	0.7	1sw	1sw	0	,,	
17	1cu	0	5cu-st	2.0	2sw	2nw	1n	,,	
18	0	0	0	0.0	2sw	2w	2sw	,,	
19	0	0	0	0.0	3sw	2w	1sw	,,	
20	2cu	4cu	2cu	2.7	3sw	3sw	2sw	slight	
21	4cu	2cu	0	2.0	2sw	2w	1w	,,	
22	2cu	4cu	1cu	2.3	3sw	3w	1sw	,,	
23	0	1cu	0	0.3	1sw	1nw	0	light	
24	1cu	0	0	0.3	2sw	1w	0	,,	
25	1cu	3cu	0	1.3	2sw	2w	1sw	slight	
26	0	0	0	0.0	3sw	1w	1sw	light	
27	1cu	0	0	0.3	2sw	2sw	0	,,	
28	1cu	7cu	1cu	3.0	2sw	2w	2w	,,	
29	1cu	3cu	0	1.3	2sw	3w	1sw	slight	
30	5cu	1cu	3cu	3.0	2sw	3sw	1sw	,,	
31	0	0	0	0	2sw	2sw	1sw	light	
				1.31					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	0	0	0	29	1	0	0	31
14:30	0	2	0	0	0	13	13	3	0	31
20:30	1	3	0	0	0	19	2	1	5	31
Total	1	6	0	0	0	61	16	4	5	93

Number of day with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during mouth 0.17